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STAZEWSKI, LENA  
XU, HONG  
EHEVERRI, FERNANDO

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<212> PRT

<213> Homo sapiens

<400> 6

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Pro Gly Thr Gly Ala Pro Leu Cys Leu Ser Gln Gln Leu Arg Met Lys

20

25

30

Gly Asp Tyr Val Leu Gly Gly Leu Phe Pro Leu Gly Glu Ala Glu Glu  
35 40 45

Ala Gly Leu Arg Ser Arg Thr Arg Pro Ser Ser Pro Val Cys Thr Arg  
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Phe Ser Ser Asn Gly Leu Leu Trp Ala Leu Ala Met Lys Met Ala Val  
65 70 75 80

Glu Glu Ile Asn Asn Lys Ser Asp Leu Leu Pro Gly Leu Arg Leu Gly  
85 90 95

Tyr Asp Leu Phe Asp Thr Cys Ser Glu Pro Val Val Ala Met Lys Pro  
100 105 110

Ser Leu Met Phe Leu Ala Lys Ala Gly Ser Arg Asp Ile Ala Ala Tyr  
115 120 125

Cys Asn Tyr Thr Gln Tyr Gln Pro Arg Val Leu Ala Val Ile Gly Pro  
130 135 140

His Ser Ser Glu Leu Ala Met Val Thr Gly Lys Phe Phe Ser Phe Phe  
145 150 155 160

Leu Met Pro Gln Val Ser Tyr Gly Ala Ser Met Glu Leu Leu Ser Ala  
165 170 175

Arg Glu Thr Phe Pro Ser Phe Phe Arg Thr Val Pro Ser Asp Arg Val  
180 185 190

Gln Leu Thr Ala Ala Ala Glu Leu Leu Gln Glu Phe Gly Trp Asn Trp  
195 200 205

Val Ala Ala Leu Gly Ser Asp Asp Glu Tyr Gly Arg Gln Gly Leu Ser  
210 215 220

Ile Phe Ser Ala Leu Ala Ala Ala Arg Gly Ile Cys Ile Ala His Glu  
225 230 235 240

Gly Leu Val Pro Leu Pro Arg Ala Asp Asp Ser Arg Leu Gly Lys Val  
245 250 255

Gln Asp Val Leu His Gln Val Asn Gln Ser Ser Val Gln Val Val Leu  
260 265 270

Leu Phe Ala Ser Val His Ala Ala His Ala Leu Phe Asn Tyr Ser Ile  
275 280 285

Ser Ser Arg Leu Ser Pro Lys Val Trp Val Ala Ser Glu Ala Trp Leu  
290 295 300

Thr Ser Asp Leu Val Met Gly Leu Pro Gly Met Ala Gln Met Gly Thr  
305 310 315 320

Val Leu Gly Phe Leu Gln Arg Gly Ala Gln Leu His Glu Phe Pro Gln

325

330

335

Tyr Val Lys Thr His Leu Ala Leu Ala Thr Asp Pro Ala Phe Cys Ser  
340 345 350

Ala Leu Gly Glu Arg Glu Gln Gly Leu Glu Glu Asp Val Val Gly Gln  
355 360 365

Arg Cys Pro Gln Cys Asp Cys Ile Thr Leu Gln Asn Val Ser Ala Gly  
370 375 380

Leu Asn His His Gln Thr Phe Ser Val Tyr Ala Ala Val Tyr Ser Val  
385 390 395 400

Ala Gln Ala Leu His Asn Thr Leu Gln Cys Asn Ala Ser Gly Cys Pro  
405 410 415

Ala Gln Asp Pro Val Lys Pro Trp Gln Leu Leu Glu Asn Met Tyr Asn  
420 425 430

Leu Thr Phe His Val Gly Gly Leu Pro Leu Arg Phe Asp Ser Ser Gly  
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Asn Val Asp Met Glu Tyr Asp Leu Lys Leu Trp Val Trp Gln Gly Ser  
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Val Pro Arg Leu His Asp Val Gly Arg Phe Asn Gly Ser Leu Arg Thr  
465 470 475 480

Glu Arg Leu Lys Ile Arg Trp His Thr Ser Asp Asn Gln Lys Pro Val  
485 490 495

Ser Arg Cys Ser Arg Gln Cys Gln Glu Gly Gln Val Arg Arg Val Lys  
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Gly Phe His Ser Cys Cys Tyr Asp Cys Val Asp Cys Glu Ala Gly Ser  
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Tyr Arg Gln Asn Pro Asp Asp Ile Ala Cys Thr Phe Cys Gly Gln Asp  
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Glu Trp Ser Pro Glu Arg Ser Thr Arg Cys Phe Arg Arg Arg Ser Arg  
545 550 555 560

Phe Leu Ala Trp Gly Glu Pro Ala Val Leu Leu Leu Leu Leu Leu  
565 570 575

Ser Leu Ala Leu Gly Leu Val Leu Ala Ala Leu Gly Leu Phe Val His  
580 585 590

His Arg Asp Ser Pro Leu Val Gln Ala Ser Gly Gly Pro Leu Ala Cys  
595 600 605

Phe Gly Leu Val Cys Leu Gly Leu Val Cys Leu Ser Val Leu Leu Phe  
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Pro Gly Gln Pro Ser Pro Ala Arg Cys Leu Ala Gln Gln Pro Leu Ser

625	630	635	640
His Leu Pro Leu Thr Gly Cys Leu Ser Thr Leu Phe Leu Gln Ala Ala			
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Glu Ile Phe Val Glu Ser Glu Leu Pro Leu Ser Trp Ala Asp Arg Leu			
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Ser Gly Cys Leu Arg Gly Pro Trp Ala Trp Leu Val Val Leu Leu Ala			
675	680		685
Met Leu Val Glu Val Ala Leu Cys Thr Trp Tyr Leu Val Ala Phe Pro			
690	695		700
Pro Glu Val Val Thr Asp Trp His Met Leu Pro Thr Glu Ala Leu Val			
705	710	715	720
His Cys Arg Thr Arg Ser Trp Val Ser Phe Gly Leu Ala His Ala Thr			
725	730		735
Asn Ala Thr Leu Ala Phe Leu Cys Phe Leu Gly Thr Phe Leu Val Arg			
740	745		750
Ser Gln Pro Gly Cys Tyr Asn Arg Ala Arg Gly Leu Thr Phe Ala Met			
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Leu Ala Tyr Phe Ile Thr Trp Val Ser Phe Val Pro Leu Leu Ala Asn			
770	775		780
Val Gln Val Val Leu Arg Pro Ala Val Gln Met Gly Ala Leu Leu Leu			
785	790	795	800
Cys Val Leu Gly Ile Leu Ala Ala Phe His Leu Pro Arg Cys Tyr Leu			
805	810		815
Leu Met Arg Gln Pro Gly Leu Asn Thr Pro Glu Phe Phe Leu Gly Gly			
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Gly Pro Gly Asp Ala Gln Gly Gln Asn Asp Gly Asn Thr Gly Asn Gln			
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Gly Lys His Glu			
850			

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 <212> DNA  
 <213> Homo sapiens

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sequence

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<223> Thr or Arg

<220>  
<221> MOD\_RES  
<222> (3)  
<223> Phe or Leu

<220>  
<221> MOD\_RES  
<222> (4)  
<223> Arg, Gln or Pro

<220>  
<221> MOD\_RES  
<222> (6)  
<223> Arg or Thr

<220>  
<221> MOD\_RES  
<222> (7)  
<223> Ser, Pro or Val

<220>  
<221> MOD\_RES  
<222> (8)  
<223> Val, Glu, Arg, Lys or Thr

<220>  
<221> MOD\_RES  
<222> (11)  
<223> Ala or Glu

<220>  
<221> MOD\_RES  
<222> (12)  
<223> Trp or Leu

<220>  
<221> MOD\_RES  
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<223> Arg, His or Gly

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<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Consensus  
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<220>  
<221> MOD\_RES  
<222> (1)  
<223> Leu or Gln

<220>  
<221> MOD\_RES

<222> (3)  
<223> Glu, Gly or Thr

<220>  
<221> MOD\_RES  
<222> (4)  
<223> Asn, Arg or Cys

<220>  
<221> MOD\_RES  
<222> (7)  
<223> Arg or Glu

<220>  
<221> MOD\_RES  
<222> (9)  
<223> Arg or Lys

<220>  
<221> MOD\_RES  
<222> (10)  
<223> Cys, Gly or Phe

<220>  
<221> MOD\_RES  
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<223> Val, Leu or Ile

<220>  
<221> MOD\_RES  
<222> (13)  
<223> Phe or Leu

<220>  
<221> MOD\_RES  
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<223> Ala or Ser

<220>  
<221> MOD\_RES  
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<223> Met or Leu

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<210> 10  
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<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 10  
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